

Converting Colors

YUV(200.3180, 4.2802,
-19.5729)

Have a look what the booklet for
YUV(200.3180, 4.2802, -19.5729)
contains.

YUV(200.3180, 4.2802, -19.5729)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(200.3180, 4.2802,
-19.5729)**

Conversions

Conversions Part 1

Format	Color
Hex	B2D2D1
RGB	178, 210, 209
RGB Percent	70%, 82%, 82%
CMY	0.3020, 0.1765, 0.1804
CMYK	0.15, 0.00, 0.00, 0.18
HSL	178°, 26%, 76%
HSV	178°, 15%, 82%
XYZ	52.9153, 60.1616, 69.1450
YIQ	200.3180, -18.7510, -7.0950

Conversions

Conversions Part 2

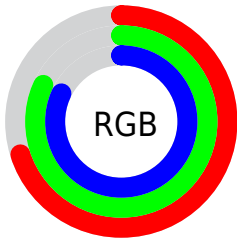
Format	Color
RYB	178, 194, 210
Decimal	11719377
CIELab	81.93, -10.77, -3.07
CIElCh	82, 11.199, 195.912
Yxy	60.1616, 0.2904, 0.3302
Android (android.graphics.Color)	4289909457 (0xFFB2D2D1)
YUV	200.3180, 4.2802, -19.5729
Hunter-Lab	77.5639, -13.9614, 1.4402

Details

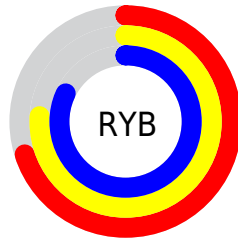
The YUV color $200.3180, 4.2802, -19.5729$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $187.6820, -4.2802, 19.5729$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.7210, 3.0955, -12.9103$, and $146.6170, 4.1328, -18.9581$ is the 20% darker color. If you saturate the color by 10%, you get $193.9250, 6.9390, -32.3832$, and if you desaturate by 10%, it is $206.7110, 1.6215, -6.7625$.

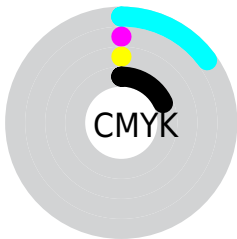
Distribution



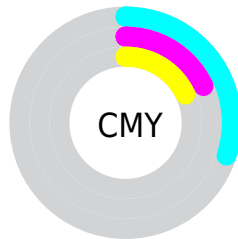
- Red (70%)
- Green (82%)
- Blue (82%)



- Red (70%)
- Yellow (76%)
- Blue (82%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)



- Cyan (30%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.3180, 4.2802, -19.5729 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 200.3180, 4.2802, -19.5729 by changing the saturation by 10% instead.

■ 200.3180, 4.2802,
-19.5729

■ 200.3180, 4.2802,
-19.5729

255.0000, 0.0000,
0.0000

■ 172.6170, 4.1328,
-18.9581

■ 248.7210, 3.0955,
-12.9103

■ 146.6170, 4.1328,
-18.9581

■ 120.3290, 4.2748,
-17.8285

■ 95.3290, 4.2748,
-17.8285

■ 71.6280, 4.1274,
-17.2138

■ 48.6280, 4.1274,
-17.2138

■ 26.9160, 3.9854,

-18.3433

■ 9.2270, 2.3531,
-8.0921

■ 0.0000, 0.0000,
0.0000

■ 200.3180, 4.2802,
-19.5729

■ 200.3180, 4.2802,
-19.5729

■ 193.9250, 6.9390,
-32.3832

■ 206.7110, 1.6215,
-6.7625

■ 187.6460, 10.0345,
-45.2935

■ 212.9900, -1.4741,
6.1478

■ 181.2530, 12.6933,
-58.1039

■ 219.3830, -4.1328,
18.9581

■ 174.8600, 15.3520,
-70.9142

■ 223.6830, -5.7597,
27.4650

■ 168.5810, 18.4476,
-83.8245

■ 223.7970, -5.3229,
27.3650

■ 162.1880, 21.1063,
-96.6349

■ 223.9110, -4.8861,
27.2651

■ 155.7950, 23.7651,
-109.4452

■ 224.0250, -4.4493,
27.1651

■ 149.5160, 26.8606,
-122.3555

■ 146.4120, 27.8979,
-128.4033

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



200.8580, -1.4090, -14.7845



200.3180, 4.2802, -19.5729



201.0560, 8.3534, -19.3431

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



200.3180, 4.2802, -19.5729



205.3520, 6.2355, 6.7073



203.8460, -9.7841, 11.5361

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



200.3180, 4.2802, -19.5729



187.6820, -4.2802, 19.5729

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



205.0470, -7.9112, 17.4988



200.3180, 4.2802, -19.5729



205.8430, 1.5564, 14.1697

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



200.3180, 4.2802, -19.5729



204.4970, 9.6150, -3.9439



206.0840, -3.9854, 18.3433



202.9050, -9.3202, 2.7143

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



200.3180, 4.2802, -19.5729



201.8330, 9.9423, -15.6395



206.0840, -3.9854, 18.3433



204.2700, -9.5001, 13.7952

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



200.3180, 4.2802, -19.5729



251.1130, 1.9163, -7.9921



197.0830, -9.4079, -15.8588



125.4940, 0.7425, -4.8182



0.0000, 0.0000, 0.0000



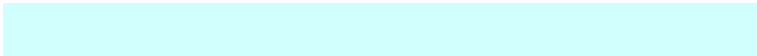
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



200.3180, 4.2802, -19.5729



241.1320, 6.3439, -28.1798



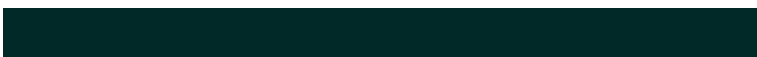
191.6270, 9.0579, -11.9509



101.5970, 1.1847, -6.6626



117.1980, 22.5804, -102.7826



28.6270, 5.6069, -25.1059

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



187.6820, -4.2802, 19.5729



222.9820, -5.9071, 28.0798



196.3730, -9.0579, 11.9509



97.2890, -1.6215, 6.7625



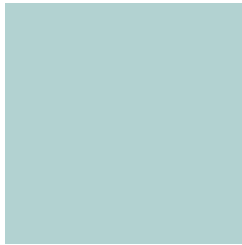
50.8020, -22.5804, 102.7826



12.3730, -5.6069, 25.1059

Previews

White Background



This preview shows how the YUV color 200.3180, 4.2802, -19.5729 looks on a white background.

Color Contrast Check

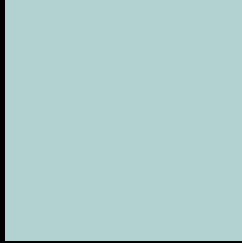
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 200.3180, 4.2802, -19.5729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

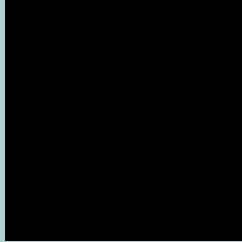
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 200.3180, 4.2802, -19.5729

Background



This preview shows how black text looks on a background with the YUV color 200.3180, 4.2802, -19.5729.



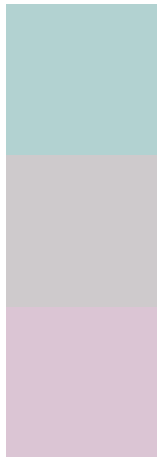
This preview shows how white text looks on a background with the YUV color 200.3180, 4.2802, -19.5729.

-19.5729.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

200.3180, 4.2802, -19.5729

Protanopia

203.4240, 0.2840, 2.2592

Deuteranopia

205.2880, 3.3090, 12.0254



Tritanopia

201.7510, 10.9688, -18.1986

Trichromacy



Original Color

200.3180, 4.2802, -19.5729

Protanomaly

202.4230, 1.7635, -5.6330

Deuteranomaly

203.6240, 3.6364, 0.3298

Tritanomaly

201.4690, 8.6428, -18.8283

Monochromacy



Original Color

200.3180, 4.2802, -19.5729

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

200.2980, 1.3321, -7.2773

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.3180, 4.2802, -19.5729 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(178, 210, 209)` looks like.

```
.text, #text, p{  
    color:rgb(178, 210, 209)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(178, 210, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 210, 209) }
```

Border

The CSS property to change the border of an element to YUV 200.3180, 4.2802, -19.5729 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 210, 209) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(178, 210, 209) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(178, 210, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 210, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 210, 209);  
box-shadow:4px 4px 4px 4px rgb(178, 210,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 200.3180, 4.2802, -19.5729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 210, 209) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(178,  
210, 209) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor